

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	123	authentication.clm. AND client.clm. AND server.clm. AND identification.clm. AND connection.clm. AND ("726".clas.   "713".clas.   "380".clas.)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/17 13:03
L4	16	authentication.clm. AND client.clm. AND server.clm. AND identification.clm. AND connection.clm. AND address.clm. AND user.clm. AND message.clm. AND ("726".clas.   "713".clas.   "380".clas.)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/17 13:04
L5	2	authentication.clm. AND client.clm. AND server.clm. AND identification.clm. AND connection.clm. AND address.clm. AND user.clm. AND message.clm. AND information.clm. AND machine.clm. AND ("726".clas.   "713".clas.   "380".clas.)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/17 13:05
L6	51	forward\$3 AND (network NEAR (access control   access polic\$3)) AND address AND authenticat\$3 server AND (client   user) AND (authenticat\$3   authoriz\$5   verif\$7) AND ("726".clas.   "713".clas.   "380".clas.) AND (@pd<"20030305"   @ad<"20030305"   @prad<"20030305"   @rlad<"20030305")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/17 13:24
L7	49	connect\$3 AND forward\$3 AND (network NEAR (access control   access polic\$3)) AND address AND authenticat\$3 server AND (client   user) AND (authenticat\$3   authoriz\$5   verif\$7) AND ("726".clas.   "713".clas.   "380".clas.) AND (@pd<"20030305"   @ad<"20030305"   @prad<"20030305"   @rlad<"20030305")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/17 13:26
L8	46	(prox\$3   gateway\$1   endpoint\$1   router   bridge) AND connect\$3 AND forward\$3 AND (network NEAR (access control   access polic\$3)) AND address AND authenticat\$3 server AND (client   user) AND (authenticat\$3   authoriz\$5   verif\$7) AND ("726".clas.   "713".clas.   "380".clas.) AND (@pd<"20030305"   @ad<"20030305"   @prad<"20030305"   @rlad<"20030305")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/17 13:32
S1	26361	("380".clas. OR "713".clas. OR "726".clas.) AND (@pd<"20030305" or @ad<"20030305" or @prad<"20030305" or @rlad<"20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/03/21 09:49

## EAST Search History (Prior Art)

S2	911	713/168.ccls. AND (@pd<"20030305" or @ad<"20030305" or @prad<"20030305" or @rlad<"20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/04 10:28
S3	26	(proxy OR gateway) AND virtual private network AND authentication AND server AND client AND 713/168.ccls. AND (@pd<"20030305" or @ad<"20030305" or @prad<"20030305" or @rlad<"20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/03/21 11:08
S4	27	(proxy OR gateway) AND (virtual private network OR VPN) AND authentication AND server AND client AND 713/168.ccls. AND (@pd<"20030305" or @ad<"20030305" or @prad<"20030305" or @rlad<"20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/03/21 13:32
S5	2	"5671354".pn.	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/03/21 11:13
S6	2	"5349642".pn.	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/03/21 12:35
S7	134	(authentication authority OR proxy OR gateway) AND authentication AND server AND client AND 713/168.ccls. AND (@pd<"20030305" or @ad<"20030305" or @prad<"20030305" or @rlad<"20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/03/21 13:36
S8	975	(authentication authority OR proxy OR gateway) AND authentication AND server AND client AND ("380".clas. OR "713".clas. OR "726".clas.) AND (@pd<"20030305" or @ad<"20030305" or @prad<"20030305" or @rlad<"20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/03/21 13:44
S9	116	password AND username AND (encrypt OR encrypted OR encrypting OR encryption) AND address AND (authentication authority OR proxy OR gateway) AND authentication AND server AND client AND ("380".clas. OR "713".clas. OR "726".clas.) AND (@pd<"20030305" or @ad<"20030305" or @prad<"20030305" or @rlad<"20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/03/21 14:56
S10	1	server client authentication AND password AND username AND (encrypt OR encrypted OR encrypting OR encryption) AND address AND (authentication authority OR proxy OR gateway) AND authentication AND server AND client AND ("380".clas. OR "713".clas. OR "726".clas.) AND (@pd<"20030305" or @ad<"20030305" or @prad<"20030305" or @rlad<"20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/04 10:27

## EAST Search History (Prior Art)

S11	0	encrypted username AND encrypted password AND password AND username AND (encrypt OR encrypted OR encrypting OR encryption) AND address AND (authentication authority OR proxy OR gateway) AND authentication AND server AND client AND ("380".clas. OR "713".clas. OR "726".clas.) AND (@pd<"20030305" or @ad<"20030305" or @prad<"20030305" or @rlad<"20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/03/21 14:56
S12	102	client AND server AND password AND address AND (connection server OR gateway OR proxy OR intermediary OR central authority) AND 713/168.ccls. AND (@pd<"20030305" or @ad<"20030305" or @prad<"20030305" or @rlad<"20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/04 10:30
S13	51	(user name OR username) AND client AND server AND password AND address AND (connection server OR gateway OR proxy OR intermediary OR central authority) AND 713/168.ccls. AND (@pd<"20030305" or @ad<"20030305" or @prad<"20030305" or @rlad<"20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/04 10:35
S14	50	(store OR storage OR media OR medium) AND (user name OR username) AND client AND server AND password AND address AND (connection server OR gateway OR proxy OR intermediary OR central authority) AND 713/168.ccls. AND (@pd<"20030305" or @ad<"20030305" or @prad<"20030305" or @rlad<"20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/04 10:35
S15	50	(store OR stored OR storing OR storage OR media OR medium) AND (user name OR username) AND client AND server AND password AND address AND (connection server OR gateway OR proxy OR intermediary OR central authority) AND 713/168.ccls. AND (@pd<"20030305" or @ad<"20030305" or @prad<"20030305" or @rlad<"20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/04 10:36
S16	45	(encryption OR encrypt OR encrypted OR encrypting) AND (store OR stored OR storing OR storage OR media OR medium) AND (user name OR username) AND client AND server AND password AND address AND (connection server OR gateway OR proxy OR intermediary OR central authority) AND 713/168.ccls. AND (@pd<"20030305" or @ad<"20030305" or @prad<"20030305" or @rlad<"20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/04 10:52

## EAST Search History (Prior Art)

S17	24	(hash OR message digest) AND (encryption OR encrypt OR encrypted OR encrypting) AND (store OR stored OR storing OR storage OR media OR medium) AND (user name OR username) AND client AND server AND password AND address AND (connection server OR gateway OR proxy OR intermediary OR central authority) AND 713/168.ccls. AND (@pd< "20030305" or @ad< "20030305" or @prad< "20030305" or @rlad< "20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/04 10:55
S18	26	(hash OR hashing OR hashed OR message digest) AND (encryption OR encrypt OR encrypted OR encrypting) AND (store OR stored OR storing OR storage OR media OR medium) AND (user name OR username) AND client AND server AND password AND address AND (connection server OR gateway OR proxy OR intermediary OR central authority) AND 713/168.ccls. AND (@pd< "20030305" or @ad< "20030305" or @prad< "20030305" or @rlad< "20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/04 13:32
S19	156	(hash OR hashing OR hashed OR message digest) AND (encryption OR encrypt OR encrypted OR encrypting) AND (store OR stored OR storing OR storage OR media OR medium) AND (user name OR username) AND client AND server AND password AND address AND (connection server OR gateway OR proxy OR intermediary OR central authority) AND ("380".clas. OR "713".clas. OR "726".clas.) AND (@pd< "20030305" or @ad< "20030305" or @prad< "20030305" or @rlad< "20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/04 13:33
S20	156	network AND (hash OR hashing OR hashed OR message digest) AND (encryption OR encrypt OR encrypted OR encrypting) AND (store OR stored OR storing OR storage OR media OR medium) AND (user name OR username) AND client AND server AND password AND address AND (connection server OR gateway OR proxy OR intermediary OR central authority) AND ("380".clas. OR "713".clas. OR "726".clas.) AND (@pd< "20030305" or @ad< "20030305" or @prad< "20030305" or @rlad< "20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/04 13:33

## EAST Search History (Prior Art)

S21	35	authentication server AND network AND (hash OR hashing OR hashed OR message digest) AND (encryption OR encrypt OR encrypted OR encrypting) AND (store OR stored OR storing OR storage OR media OR medium) AND (user name OR username) AND client AND server AND password AND address AND (connection server OR gateway OR proxy OR intermediary OR central authority) AND ("380".clas. OR "713".clas. OR "726".clas.) AND (@pd<"20030305" or @ad<"20030305" or @prad<"20030305" or @rlad<"20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/04 13:51
S22	35	"authentication server" AND network AND (hash OR hashing OR hashed OR message digest) AND (encryption OR encrypt OR encrypted OR encrypting) AND (store OR stored OR storing OR storage OR media OR medium) AND ("user name" OR username) AND client AND server AND password AND address AND (connection server OR gateway OR proxy OR intermediary OR central authority) AND ("380".clas. OR "713".clas. OR "726".clas.) AND (@pd<"20030305" or @ad<"20030305" or @prad<"20030305" or @rlad<"20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/04 13:52
S23	71	"authentication server" AND network AND (encryption OR encrypt OR encrypted OR encrypting) AND (store OR stored OR storing OR storage OR media OR medium) AND ("user name" OR username) AND client AND server AND password AND address AND (connection server OR gateway OR proxy OR intermediary OR central authority) AND ("380".clas. OR "713".clas. OR "726".clas.) AND (@pd<"20030305" or @ad<"20030305" or @prad<"20030305" or @rlad<"20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/05 09:43
S24	44	("authentication server") AND ("LAN" OR "local area network") AND (encryption OR encrypt OR encrypted OR encrypting) AND (store OR stored OR storing OR storage OR media OR medium) AND ("user name" OR username) AND client AND server AND password AND address AND (connection server OR gateway OR proxy OR central authority) AND ("380".clas. OR "713".clas. OR "726".clas.) AND (@pd<"20030305" or @ad<"20030305" or @prad<"20030305" or @rlad<"20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/04 17:20

## EAST Search History (Prior Art)

S25	53	("authentication server") AND (encryption OR encrypt OR encrypted OR encrypting) AND (store OR stored OR storing OR storage OR media OR medium) AND ("user name" OR username) AND client AND server AND password AND address AND (connection server OR gateway OR proxy OR central authority) AND ("713/168".cls. OR "726".clas.) AND (@pd<"20030305" or @ad<"20030305" or @prad<"20030305" or @rlad<"20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/04 17:22
S26	37	intranet AND ("authentication server") AND (encryption OR encrypt OR encrypted OR encrypting) AND (store OR stored OR storing OR storage OR media OR medium) AND ("user name" OR username) AND client AND server AND password AND address AND (connection server OR gateway OR proxy OR central authority) AND ("713/168".cls. OR "726".clas.) AND (@pd<"20030305" or @ad<"20030305" or @prad<"20030305" or @rlad<"20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/05 08:07
S27	54	(intranet OR local area network) AND ("authentication server") AND (encryption OR encrypt OR encrypted OR encrypting) AND (store OR stored OR storing OR storage OR media OR medium) AND ("user name" OR username) AND client AND server AND password AND address AND (connection server OR gateway OR proxy OR central authority) AND ("713".clas. OR "726".clas.) AND (@pd<"20030305" or @ad<"20030305" or @prad<"20030305" or @rlad<"20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/05 08:20
S28	49	(intranet OR local area network) AND ("authentication server") AND (encryption OR encrypt OR encrypted OR encrypting) AND (store OR stored OR storing OR storage OR media OR medium) AND ("user name" OR username) AND client AND server AND password AND address AND (gateway OR proxy) AND ("713".clas. OR "726".clas.) AND (@pd<"20030305" or @ad<"20030305" or @prad<"20030305" or @rlad<"20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/05 08:20

## EAST Search History (Prior Art)

S29	54	(intranet OR local area network) AND ("authentication server") AND (encryption OR encrypt OR encrypted OR encrypting) AND (store OR stored OR storing OR storage OR media OR medium) AND ("user name" OR username) AND client AND server AND password AND address AND (gateway OR proxy OR connection server) AND ("713".clas. OR "726".clas.) AND (@pd< "20030305" or @ad< "20030305" or @prad< "20030305" or @rlad< "20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/05 08:21
S30	34	(intranet OR local area network) AND ("authentication server") AND (encryption OR encrypt OR encrypted OR encrypting) AND (store OR stored OR storing OR storage OR media OR medium) AND ("user name" OR username) AND client AND server AND password AND address AND (proxy OR connection server) AND ("713".clas. OR "726".clas.) AND (@pd< "20030305" or @ad< "20030305" or @prad< "20030305" or @rlad< "20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/05 08:21
S31	35	(intranet OR local area network) AND ("authentication server") AND (encryption OR encrypt OR encrypted OR encrypting) AND ("user name" OR username) AND client AND server AND password AND (proxy OR connection server) AND ("713".clas. OR "726".clas.) AND (@pd< "20030305" or @ad< "20030305" or @prad< "20030305" or @rlad< "20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/05 08:21
S32	35	(intranet OR local area network) AND ("authentication server") AND (encryption OR encrypt OR encrypted OR encrypting) AND ("user name" OR username) AND client AND password AND (proxy OR connection server) AND ("713".clas. OR "726".clas.) AND (@pd< "20030305" or @ad< "20030305" or @prad< "20030305" or @rlad< "20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/05 08:43
S33	3	proxy server AND separate authentication server AND (@pd< "20030305" or @ad< "20030305" or @prad< "20030305" or @rlad< "20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/05 08:50
S34	7	gateway AND separate authentication server AND (@pd< "20030305" or @ad< "20030305" or @prad< "20030305" or @rlad< "20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/05 08:51

## EAST Search History (Prior Art)

S35	10	separate authentication server AND (@pd<"20030305" or @ad<"20030305" or @prad<"20030305" or @rlad<"20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/05 08:54
S36	144	connection server AND authentication server AND (@pd<"20030305" or @ad<"20030305" or @prad<"20030305" or @rlad<"20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/05 08:54
S37	134	client AND connection server AND authentication server AND (@pd<"20030305" or @ad<"20030305" or @prad<"20030305" or @rlad<"20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/05 08:55
S38	123	address AND client AND connection server AND authentication server AND (@pd<"20030305" or @ad<"20030305" or @prad<"20030305" or @rlad<"20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/05 08:55
S39	2	"6253327".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/05 09:40
S40	56	remote AND "authentication server" AND network AND (encryption OR encrypt OR encrypted OR encrypting) AND (store OR stored OR storing OR storage OR media OR medium) AND ("user name" OR username) AND client AND server AND password AND address AND (connection server OR gateway OR proxy OR intermediary OR central authority) AND ("380".clas. OR "713".clas. OR "726".clas.) AND (@pd<"20030305" or @ad<"20030305" or @prad<"20030305" or @rlad<"20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/05 09:43
S41	2	"7233997".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/14 14:57
S42	37	authentication server AND (client   user   terminal) AND network connection AND 713/168.ccls. AND (@pd<"20030305" or @ad<"20030305" or @prad<"20030305" or @rlad<"20030305")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/02 16:51



## EAST Search History (Prior Art)

S43	56	authentication server AND (client   user   terminal) AND network connection AND 713/168.ccls. AND (@pd<"20030305" or @ad<"20030305" or @prad<"20030305" or @rlad<"20030305")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/02 17:28
S44	399	authentication server AND (client   user   terminal) AND connection AND (713/153, 168,182,183.ccls.   726/2,3,11,12,16,17,21.ccls.) AND (@pd<"20030305" or @ad<"20030305" or @prad<"20030305" or @rlad<"20030305")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/06 09:52
S45	313	(remote   external) AND authentication server AND (client   user   terminal) AND connection AND (713/153,168,182,183.ccls.   726/2,3,11,12,16,17,21.ccls.) AND (@pd<"20030305" or @ad<"20030305" or @prad<"20030305" or @rlad<"20030305")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/06 09:53
S46	332	(remote   external   outside) AND authentication server AND (client   user   terminal) AND connection AND (713/153, 168,182,183.ccls.   726/2,3,11,12,16,17,21.ccls.) AND (@pd<"20030305" or @ad<"20030305" or @prad<"20030305" or @rlad<"20030305")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/06 09:54
S47	85	username AND password AND (remote   external   outside) AND authentication server AND (client   user   terminal) AND connection AND (713/153,168,182,183.ccls.   726/2,3,11,12,16,17,21.ccls.) AND (@pd<"20030305" or @ad<"20030305" or @prad<"20030305" or @rlad<"20030305")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/06 09:54
S48	68	encrypt\$3 AND username AND password AND (remote   external   outside) AND authentication server AND (client   user   terminal) AND connection AND (713/153, 168,182,183.ccls.   726/2,3,11,12,16,17,21.ccls.) AND (@pd<"20030305" or @ad<"20030305" or @prad<"20030305" or @rlad<"20030305")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/06 09:54
S49	57	((single\$1sign\$1on   SSO)) AND 726/8.ccls. )	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/06 12:22
S50	2	"7350229".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/06 12:24

## EAST Search History (Prior Art)

S51	40	local AND (((single\$1sign\$1on   SSO)) AND 726/8.ccls.)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/06 15:20
S52	1417	yoshida.in. AND network AND connection	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 11:05
S53	51	yoshida.in. AND network AND connection AND client AND server AND authentication	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 11:06
S54	32	yoshida.in. AND network AND connection AND client AND server AND authentication AND apparatus	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 11:06
S55	24	yoshida.in. AND network AND connection AND client AND server AND authentication AND apparatus AND identification	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 11:07
S56	2878	(prox\$3   front\$1end   gateway\$1   connection   router\$1   border) AND server AND stor\$3 AND client AND (authenticat\$3   authoriz\$5   verif\$7) AND (713/153,155, 168-170,182-184.ccls.   726/2,3,11,12,16, 17,21,26,27.ccls.   380/59.ccls.) AND (@pd<"20030305" or @ad<"20030305" or @prad<"20030305" or @rlad<"20030305")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 16:57
S57	3397	(prox\$3   front\$1end   gateway\$1   connection   router\$1   border) AND server AND stor\$3 AND client AND (authenticat\$3   authoriz\$5   verif\$7) AND (713/153,155, 168-170,182-184.ccls.   726/2,3,11,12,16, 17,21,26,27.ccls.   380/59.ccls.) AND (@pd<"20040302"   @ad<"20040302"   @prad<"20040302"   @rlad<"20040302")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 16:58

## EAST Search History (Prior Art)

S58	2646	address AND network AND (prox\$3   front\$1end   gateway\$1   connection   router\$1   border) AND server AND stor\$3 AND client AND (authenticat\$3   authoriz\$5   verif\$7) AND (713/153,155,168-170, 182-184.ccls.   726/2,3,11,12,16,17,21,26, 27.ccls.   380/59.ccls.) AND (@pd<"20040302"   @ad<"20040302"   @prad<"20040302"   @rlad<"20040302")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 16:59
S59	1747	state\$1 AND (transfer\$4   transmit\$4   send\$3) AND address AND network AND (prox\$3   front\$1end   gateway\$1   connection   router\$1   border) AND server AND stor\$3 AND client AND (authenticat\$3   authoriz\$5   verif\$7) AND (713/153,155, 168-170,182-184.ccls.   726/2,3,11,12,16, 17,21,26,27.ccls.   380/59.ccls.) AND (@pd<"20040302"   @ad<"20040302"   @prad<"20040302"   @rlad<"20040302")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 16:59
S60	180	((chang\$3   switch\$3) NEAR (state\$1   wait\$3   permit\$5   deny\$3)) AND (transfer\$4   transmit\$4   send\$3) AND address AND network AND (prox\$3   front\$1end   gateway\$1   connection   router\$1   border) AND server AND stor\$3 AND client AND (authenticat\$3   authoriz\$5   verif\$7) AND (713/153,155,168-170, 182-184.ccls.   726/2,3,11,12,16,17,21,26, 27.ccls.   380/59.ccls.) AND (@pd<"20040302"   @ad<"20040302"   @prad<"20040302"   @rlad<"20040302")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 17:03
S61	253	((chang\$3   switch\$3) NEAR (state\$1   wait\$3   permit\$5   deny\$3   allow\$3)) AND (transfer\$4   transmit\$4   send\$3) AND address AND network AND (prox\$3   front\$1end   gateway\$1   connection   router\$1   border) AND server AND stor\$3 AND client AND (authenticat\$3   authoriz\$5   verif\$7) AND (713/153,155,168-170, 182-184.ccls.   726/2,3,11,12,16,17,21,26, 27.ccls.   380/59.ccls.) AND (@pd<"20040302"   @ad<"20040302"   @prad<"20040302"   @rlad<"20040302")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 17:03
S62	120	((chang\$3   switch\$3) NEAR state\$1) AND (transfer\$4   transmit\$4   send\$3) AND address AND network AND (prox\$3   front\$1end   gateway\$1   connection   router\$1   border) AND server AND stor\$3 AND client AND (authenticat\$3   authoriz\$5   verif\$7) AND (713/153,155,168-170, 182-184.ccls.   726/2,3,11,12,16,17,21,26, 27.ccls.   380/59.ccls.) AND (@pd<"20040302"   @ad<"20040302"   @prad<"20040302"   @rlad<"20040302")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 17:04

## EAST Search History (Prior Art)

S63	9	remote access AND ((chang\$3   switch\$3) NEAR state\$1) AND (transfer\$4   transmit\$4   send\$3) AND address AND network AND (prox\$3   front\$1end   gateway\$1   connection   router\$1   border) AND server AND stor\$3 AND client AND (authentica\$3   authoriz\$5   verif\$7) AND (713/153,155,168-170,182-184.ccls.   726/2,3,11,12,16,17,21,26,27.ccls.   380/59.ccls.) AND (@pd<"20040302"   @ad<"20040302"   @prad<"20040302"   @rlad<"20040302")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 17:09
S64	10	(remote access   remote service\$1) AND ((chang\$3   switch\$3) NEAR state\$1) AND (transfer\$4   transmit\$4   send\$3) AND address AND network AND (prox\$3   front\$1end   gateway\$1   connection   router\$1   border) AND server AND stor\$3 AND client AND (authentica\$3   authoriz\$5   verif\$7) AND (713/153,155,168-170,182-184.ccls.   726/2,3,11,12,16,17,21,26,27.ccls.   380/59.ccls.) AND (@pd<"20040302"   @ad<"20040302"   @prad<"20040302"   @rlad<"20040302")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 17:09
S65	4	"7350229".pn.   "7069433".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/03 14:53
S66	7213	(713/155,168-171,181.ccls.   380/44,45,59,277,278,283-285.ccls.) AND (@pd<"20040302"   @ad<"20040302"   @prad<"20040302"   @rlad<"20040302")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/04 09:51
S67	3262	encrypt\$3 AND decrypt\$3 AND (key   hash\$3) AND (identification   "ID") AND (713/155,168-171,181.ccls.   380/44,45,59,277,278,283-285.ccls.) AND (@pd<"20040302"   @ad<"20040302"   @prad<"20040302"   @rlad<"20040302")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/04 09:51
S68	2766	access AND (authentica\$3   authoriz\$5   verif\$7) AND encrypt\$3 AND decrypt\$3 AND (key   hash\$3) AND (identification   "ID") AND (713/155,168-171,181.ccls.   380/44,45,59,277,278,283-285.ccls.) AND (@pd<"20040302"   @ad<"20040302"   @prad<"20040302"   @rlad<"20040302")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/04 09:57

## EAST Search History (Prior Art)

S69	1219	server AND client AND user AND access AND (authenticat\$3   authoriz\$5   verif\$7) AND encrypt\$3 AND decrypt\$3 AND (key   hash\$3) AND (identification   "ID") AND (713/155,168-171,181.ccls.   380/44,45,59,277,278,283-285.ccls.) AND (@pd<"20040302"   @ad<"20040302"   @prad<"20040302"   @rlad<"20040302")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/04 09:57
S70	263	authentication server AND client AND user AND access AND (authenticat\$3   authoriz\$5   verif\$7) AND encrypt\$3 AND decrypt\$3 AND (key   hash\$3) AND (identification   "ID") AND (713/155,168-171,181.ccls.   380/44,45,59,277,278,283-285.ccls.) AND (@pd<"20040302"   @ad<"20040302"   @prad<"20040302"   @rlad<"20040302")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/04 09:57
S71	174	unique AND authentication server AND client AND user AND access AND (authenticat\$3   authoriz\$5   verif\$7) AND encrypt\$3 AND decrypt\$3 AND (key   hash\$3) AND (identification   "ID") AND (713/155,168-171,181.ccls.   380/44,45,59,277,278,283-285.ccls.) AND (@pd<"20040302"   @ad<"20040302"   @prad<"20040302"   @rlad<"20040302")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/04 10:46
S72	24	unique AND authentication server AND client AND user AND access AND (authenticat\$3   authoriz\$5   verif\$7) AND encrypt\$3 AND decrypt\$3 AND (key   hash\$3) AND (encrypt\$3 NEAR (identification   "ID")) AND (713/155,168-171,181.ccls.   380/44,45,59,277,278,283-285.ccls.) AND (@pd<"20040302"   @ad<"20040302"   @prad<"20040302"   @rlad<"20040302")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/04 10:47
S73	12	(front\$1end   gateway   proxy   router   border) AND unique AND authentication server AND client AND user AND access AND (authenticat\$3   authoriz\$5   verif\$7) AND encrypt\$3 AND decrypt\$3 AND (key   hash\$3) AND (encrypt\$3 NEAR (identification   "ID")) AND (713/155,168-171,181.ccls.   380/44,45,59,277,278,283-285.ccls.) AND (@pd<"20040302"   @ad<"20040302"   @prad<"20040302"   @rlad<"20040302")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/04 10:51

## EAST Search History (Prior Art)

S74	13	(front\$1end   gateway   proxy   router   border   endpoint) AND unique AND authentication server AND client AND user AND access AND (authenticat\$3   authoriz\$5   verif\$7) AND encrypt\$3 AND decrypt\$3 AND (key   hash\$3) AND (encrypt\$3 NEAR (identification   "ID")) AND (713/155,168-171,181.ccls.   380/44,45,59,277,278,283-285.ccls.) AND (@pd<"20040302"   @ad<"20040302"   @prad<"20040302"   @rlad<"20040302")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/04 10:51
S75	0	(front\$1end   gateway   proxy   router   border   endpoint) AND unique AND authentication server AND client AND user AND access AND (authenticat\$3   authoriz\$5   verif\$7) AND encrypt\$3 AND decrypt\$3 AND ((key   hash\$3) AND (encrypt\$3 NEAR (identification   "ID"))) NEAR key) AND (713/155,168-171,181.ccls.   380/44,45,59,277,278,283-285.ccls.) AND (@pd<"20040302"   @ad<"20040302"   @prad<"20040302"   @rlad<"20040302")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/04 11:02
S76	1	(front\$1end   gateway   proxy   router   border   endpoint) AND unique AND authentication server AND client AND user AND access AND (authenticat\$3   authoriz\$5   verif\$7) AND encrypt\$3 AND decrypt\$3 AND ((key   hash\$3) NEAR (encrypt\$3 NEAR (identification   "ID"))) AND (713/155,168-171,181.ccls.   380/44,45,59,277,278,283-285.ccls.) AND (@pd<"20040302"   @ad<"20040302"   @prad<"20040302"   @rlad<"20040302")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/04 11:02
S77	1	(front\$1end   gateway   proxy   router   border   endpoint) AND authentication server AND client AND user AND (authenticat\$3   authoriz\$5   verif\$7) AND encrypt\$3 AND decrypt\$3 AND ((key   hash\$3) NEAR (encrypt\$3 NEAR (identification   "ID"))) AND (713/155,168-171,181.ccls.   380/44,45,59,277,278,283-285.ccls.) AND (@pd<"20040302"   @ad<"20040302"   @prad<"20040302"   @rlad<"20040302")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/04 11:03
S78	2	(front\$1end   gateway   proxy   router   border   endpoint) AND authentication server AND client AND user AND (authenticat\$3   authoriz\$5   verif\$7) AND encrypt\$3 AND decrypt\$3 AND ((key   hash\$3) NEAR (encrypt\$3 NEAR (identification   "ID"))) AND (726/2,3,11,12,16,17,21,26,27.ccls.   713/155,168-171,181.ccls.   380/44,45,59,277,278,283-285.ccls.) AND (@pd<"20040302"   @ad<"20040302"   @prad<"20040302"   @rlad<"20040302")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/04 11:03

## EAST Search History (Prior Art)

S79	57	(front\$1end   gateway   proxy   router   border   endpoint) AND authentication server AND client AND user AND (authenticat\$3   authoriz\$5   verif\$7) AND encrypt\$3 AND decrypt\$3 AND ((key   hash\$3) WITH (encrypt\$3 WITH (identification   "ID")))) AND (726/2,3,11,12,16,17,21,26,27.ccls.   713/155,168-171,181.ccls.   380/44,45,59,277,278,283-285.ccls.) AND (@pd<"20040302"   @ad<"20040302"   @prad<"20040302"   @rlad<"20040302")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/04 11:04
S80	4	remote access AND (front\$1end   gateway   proxy   router   border   endpoint) AND authentication server AND client AND user AND (authenticat\$3   authoriz\$5   verif\$7) AND encrypt\$3 AND decrypt\$3 AND ((key   hash\$3) WITH (encrypt\$3 WITH (identification   "ID")))) AND (726/2,3,11,12,16,17,21,26,27.ccls.   713/155,168-171,181.ccls.   380/44,45,59,277,278,283-285.ccls.) AND (@pd<"20040302"   @ad<"20040302"   @prad<"20040302"   @rlad<"20040302")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/04 13:00
S81	9	(remote NEAR access) AND (front\$1end   gateway   proxy   router   border   endpoint) AND authentication server AND client AND user AND (authenticat\$3   authoriz\$5   verif\$7) AND encrypt\$3 AND decrypt\$3 AND ((key   hash\$3) WITH (encrypt\$3 WITH (identification   "ID")))) AND (726/2,3,11,12,16,17,21,26,27.ccls.   713/155,168-171,181.ccls.   380/44,45,59,277,278,283-285.ccls.) AND (@pd<"20040302"   @ad<"20040302"   @prad<"20040302"   @rlad<"20040302")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/04 13:00
S82	15	(remote NEAR access) AND (front\$1end   gateway   proxy   router   border   endpoint) AND authentication server AND client AND user AND (authenticat\$3   authoriz\$5   verif\$7) AND encrypt\$3 AND decrypt\$3 AND ((key   hash\$3) WITH encrypt\$3 WITH (identification   "ID"   unique)) AND (726/2,3,11,12,16,17,21,26,27.ccls.   713/155,168-171,181.ccls.   380/44,45,59,277,278,283-285.ccls.) AND (@pd<"20040302"   @ad<"20040302"   @prad<"20040302"   @rlad<"20040302")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/04 13:16

## EAST Search History (Prior Art)

S83	6	(remote NEAR access) AND (front\$1end   gateway   proxy   router   border   endpoint) AND authentication server AND client AND user AND (authenticat\$3   authoriz\$5   verif\$7) AND encrypt\$3 AND decrypt\$3 AND ((username AND password) WITH encrypt\$3) AND (726/2,3,11,12,16,17,21,26,27.ccls.   713/155,168-171,181.ccls.   380/44,45,59,277,278,283-285.ccls.) AND (@pd<"20040302"   @ad<"20040302"   @prad<"20040302"   @rlad<"20040302")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/04 13:19
S84	6	"6463474".pn.   "7350229".pn.   "20030163691".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/05 12:19
S85	1007	authenticat\$3 server AND (client   user) AND (authenticat\$3   authoriz\$5   verif\$7) AND ((username AND password)   key) AND (726/2,3,11,12,16,17,21,26,27.ccls.   713/155,168-171,181.ccls.   380/44,45,59,277,278,283-285.ccls.) AND (@pd<"20040302"   @ad<"20040302"   @prad<"20040302"   @rlad<"20040302")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/25 14:52
S86	696	address AND authenticat\$3 server AND (client   user) AND (authenticat\$3   authoriz\$5   verif\$7) AND ((username AND password)   key) AND (726/2,3,11,12,16,17,21,26,27.ccls.   713/155,168-171,181.ccls.   380/44,45,59,277,278,283-285.ccls.) AND (@pd<"20040302"   @ad<"20040302"   @prad<"20040302"   @rlad<"20040302")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/25 14:53
S87	29	((access control   access polic\$3   mask\$3   restrict\$3) NEAR address) AND authenticat\$3 server AND (client   user) AND (authenticat\$3   authoriz\$5   verif\$7) AND ((username AND password)   key) AND (726/2,3,11,12,16,17,21,26,27.ccls.   713/155,168-171,181.ccls.   380/44,45,59,277,278,283-285.ccls.) AND (@pd<"20040302"   @ad<"20040302"   @prad<"20040302"   @rlad<"20040302")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/25 15:01
S88	0	((access control   access polic\$3   mask\$3   restrict\$3) NEAR hierarch\$4) address AND authenticat\$3 server AND (client   user) AND (authenticat\$3   authoriz\$5   verif\$7) AND ((username AND password)   key) AND (726/2,3,11,12,16,17,21,26,27.ccls.   713/155,168-171,181.ccls.   380/44,45,59,277,278,283-285.ccls.) AND (@pd<"20040302"   @ad<"20040302"   @prad<"20040302"   @rlad<"20040302")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/25 15:02



## EAST Search History (Prior Art)

S89	2	((access control   access polic\$3   mask\$3   restrict\$3 ) NEAR hierarch\$4) AND address AND authenticat\$3 server AND (client   user) AND (authenticat\$3   authoriz\$5   verif\$7) AND ((username AND password)   key) AND (726/2,3,11,12,16,17,21,26,27.ccls.   713/155,168-171,181.ccls.   380/44,45,59,277,278,283-285.ccls.) AND (@pd<"20040302"   @ad<"20040302"   @prad<"20040302"   @rlad<"20040302")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/25 15:02
S90	8	connect\$3 AND (network NEAR (access control   access polic\$3)) AND hierarch\$4 AND address AND authenticat\$3 server AND (client   user) AND (authenticat\$3   authoriz\$5   verif\$7) AND ((username AND password)   key) AND (726/2,3,11,12,16,17,21,26,27.ccls.   713/155,168-171,181.ccls.   380/44,45,59,277,278,283-285.ccls.) AND (@pd<"20040302"   @ad<"20040302"   @prad<"20040302"   @rlad<"20040302")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/25 15:03
S91	30	forward\$3 AND (network NEAR (access control   access polic\$3)) AND address AND authenticat\$3 server AND (client   user) AND (authenticat\$3   authoriz\$5   verif\$7) AND ((username AND password)   key) AND (726/2,3,11,12,16,17,21,26,27.ccls.   713/155,168-171,181.ccls.   380/44,45,59,277,278,283-285.ccls.) AND (@pd<"20040302"   @ad<"20040302"   @prad<"20040302"   @rlad<"20040302")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/25 16:53